Subject	Type	Exam	Semesters						CREDIT	CONDITIONS	Personnel
			30	30	30	30	30	30	180		
Obligatory subjects			1	2	3	4	5	6			
Mathematics I. lect.	Lecture	Oral	2						2		József Laczkó
Mathematics I. sem	Seminar	Mark	2						2		József Laczkó
Fundamentals of Chemistry	Seminar	Mark	2						2		Andrea Petz
Matematics II. lect	Lecture	Oral		2					2	Mathematics I. lect.	József Laczkó
Matematics II. sem.	Seminar	Mark		2					2		József Laczkó
Matematics III. lect.	Lecture	Oral			2				2	Matematics II. lect	József Laczkó
Matematics III. sem.	Seminar	Mark			2				2		József Laczkó
Physics I. lect.	Lecture	Oral	2						2		Zsuzsa Márton
Physics II. lect.	Lecture	Oral		2					2		Zsuzsa Márton
Physics I. lab.	Practice	Mark	2						2		Csaba Lombosi
Physics I. sem.	Practice	Mark	2						2		Csaba Lombosi
Informatics lect.	Lecture	Oral	2						2		Zoltán Horváth
General and Inorganic Chem. I. lect.	Lecture	Oral	5						5		László Kollár
General and Inorganic Chem. I. sem.	Seminar	Mark	2						2		Attila Horváth
General and Inorganic Chem. I. lab.	Practice	Mark	4						4		Andrea Petz
General and Inorganic Chem. II. lect.	Lecture	Oral		4					4	General and Inorganic Chem. I. lect.	László Kollár
General and Inorganic Chem. II. sem.	Seminar	Mark		2					2	General and Inorganic Chem. I. lect.	Attila Horváth
General and Inorganic Chem. II. lab.	Practice	Mark		5					5	General and Inorganic Chem. I. lect.	Andrea Petz
Physical Chem. I. lect.	Lecture	Oral		3					3	General and Inorganic Chem. I. lect.	Géza Nagy
Physical Chem. I. sem.	Seminar	Mark		2					2	General and Inorganic Chem. I. lect.	Sándor Kunsági-Máté
Physical Chem. II. lect.	Lecture	Oral			3				3	Physical Chem. I. lect.	Géza Nagy
Physical Chem. II. sem.	Seminar	Mark			1				1	Physical Chem. I. lect.	Sándor Kunsági-Máté
Physical Chem. II. lab.	Practice	Mark			2				2	Physical Chem. I. lect.	Sándor Kunsági-Máté
Physical Chem. III. sem.	Seminar	Mark				1			1	Physical Chem. II. lect.	Sándor Kunsági-Máté
Physical Chem. III. lab.	Practice	Mark				3			3	Physical Chem. II. lect.	Sándor Kunsági-Máté
Organic Chemistry I. lect.	Lecture	Oral	5						5		Tamás Kálai
Organic Chemistry I. Lab.	Practice	Mark		4					4	General and Inorganic Chem. I. lect.	Cecília Pápayné Sár
Organic Chemistry II. lect.	Lecture	Oral		4					4	Organic Chemistry I. lect.	Tamás Kálai

Organic Chemistry II. lab.	Practice	Mark			4				4	Organic Chemistry I. lect.	Cecília Pápayné Sár
Analytical Chemistry lect.	Lecture	Oral			2				2	General and Inorganic Chem. II. lect.	Attila Felinger
Analytical Chemistry sem.	Seminar	Mark			2				2	General and Inorganic Chem. II. lect.	Attila Felinger
Analytical Chemistry lab.	Practice	Mark			4				4	General and Inorganic Chem. II. lect.	Ibolya Kiss
Instrumental Analysis I. lect.	Lecture	Oral				3			3	Analytical Chemistry lect.	Ferenc Kilár
Instrumental Analysis I. lab.	Practice	Mark				3			3	Analytical Chemistry lect.	Ibolya Kiss
Applied Chemisry I. lect.	Lecture	Oral					3		3	Physical Chem. II. lect.	Attila Felinger
Applied Chemisry I. lab.	Practice	Mark					4		4	Organic Chemistry II. lect.	Attila Felinger
Environmental Chem. lect.	Lecture	Oral						2	2	Organic Chemistry II. lect.	Tímea Pernyeszi
General and Inorganic Chem. III. sem.	Seminar	Mark			3				3	General and Inorganic Chem. II. lect.	Attila Horváth
General and Inorganic Chem. I. lab.	Practice	Mark			4				4	General and Inorganic Chem. II. lect.	György Petőcz
Chemometry	Lecture	Oral				2			2	Instrumental Analysis I. lect.	Attila Felinger
Chemometry sem.	Seminar	Mark				2			2	Instrumental Analysis I. lect.	Attila Felinger
Structure Elucidation in Organic Chemistry	Lecture	Oral				3			3	Organic Chemistry I. lect.	Tamás Kálai
Biochemistry lect.	Lecture	Oral				2			2	Organic Chemistry I. lect.	Ildikó Kerepesi
Theoretical Chem.	Lecture	Oral					2		2	Matematics II. lect	Sándor Kunsági-Máté
Instrumental Analysis II. lect.	Lecture	Oral					4		4	Instrumental Analysis I. lect.	Ferenc Kilár
Instrumental Analysis II. pract.	Practice	Mark						4	4	Instrumental Analysis I. lect.	Ibolya Kiss
Quantum Theory in Structure Determination	Lecture	Oral					2		2	Matematics II. lect	Sándor Kunsági-Máté
Colloid Chemistry lect.	Lecture	Oral					2		2	Physical Chem. II. lect.	Barna Kovács
Colloid Chemistry lab.	Practice	Mark						2	2	Colloid Chemistry lect.	Barna Kovács
Elective subjects (minimum 28 credit)			0	0	1	10	9	8	28		
Petrology	Lecture	Oral				2		2	2	General and Inorganic Chem. II. lect.	János Kovács
Chrystallography	Lecture	Oral			2		2		2	General and Inorganic Chem. II. lect.	János Kovács
Materials Sciences lect.	Lecture	Oral				2		2	2	Physical Chem. I. lect.	Barna Kovács
Materials Sciences lab.	Practice	Mark				2		2	2		Barna Kovács
Chemical Sensors lect.	Lecture	Oral				2		2	2		Barna Kovács
Chemical Sensors lab.	Practice	Mark				2		2	2		Barna Kovács
Heterocyclic Chemisry	Lecture	Oral					2	2	2	Organic Chemistry II. lect.	Tamás Kálai
Everyday Chemistry	Lecture	Oral						2	2	Applied Chemisry I. lect.	György Petőcz
General and Inorganic Chem. IV. lect.	Lecture	Oral				2		2	2	General and Inorganic Chem. III. sem.	László Kollár
General and Inorganic Chem. IV. lab.	Practice	Mark				4		4	4	General and Inorganic Chem. III. sem.	Zsolt Csók
General and Inorganic Chem. V. lect.	Lecture	Oral					2		2	Organic Chemistry I. lect.	László Kollár
Problem Solving in Organic Chemistry	Seminar	Mark					2		2	Organic Chemistry I. lect.	Tamás Kálai

Polarization features of light emission of Fluorescence materials	Lecture	Mark			2		2		2		Sándor Kunsági-Máté
Host-guest interactions	Lecture	Mark			2		2		2		Sándor Kunsági-Máté
Carbon nanostructures. Fullerenes, carbon nanotubes, graphenes.	Lecture	Mark			2		2		2		Beáta Peles-Lemli
Facultative subjects (minimum 9 credits)			0	0	0	1	4	4	9		
Mathematical Basics of Physical Chemistry I. sem.	Lecture	Mark							2		Beáta Peles-Lemli
Mathematical Basics of Physical Chemistry I. sem.	Lecture	Mark							2		Beáta Peles-Lemli
Mathematical Basics of Physical Chemistry III. sem.	Lecture	Mark							2		Beáta Peles-Lemli
Molecular modelling	Lecture	Mark							2		Beáta Peles-Lemli
Atomic Spectroscopy	Lecture	Mark							3		Lívia Nagy
Environmental Systems	Lecture	Oral							2		Zsuzsanna Czibulya
Chemical Sensors	Lecture	Oral							2		Géza Nagy
Modern Electroanalytical Methods	Lecture	Oral							2		Géza Nagy
Optical Sensors	Lecture	Oral							2		Barna Kovács
Polymers	Lecture	Oral							2		Barna Kovács
Heterogeneous Catalysis	Lecture	Oral							2		Aleksandar Secenji
Biosensors	Seminar	Mark							2		Lívia Nagy
Capillary Electrophoresis	Seminar	Mark							2		Ferenc Kilár
Informatics of Scientific Literature	Seminar	Mark							2		Anikó Kilár
Water analysis	Seminar	Mark							2		Ibolya Kiss
Analytical chemistry	Seminar	Mark							2		Ibolya Kiss
Analytical chemistry	Seminar	Mark							2		Ibolya Kiss
Qualification of the air and water environment	Seminar	Mark							2		Ibolya Kiss
Steroids	Lecture	Oral							2		László Kollár
Reaction kinetics	Lecture	Oral							2		Attila Horváth
Green Chemistry	Lecture	Oral							1		Tamás Kégl
Theoretical Coordination Chemistry	Seminar	Mark							2		Tamás Kégl
Chemical experiments	Practice	Mark							2		Andrea Petz
Industrial Practice		Signature					5 days		0		
Professional practical work		Signature							0		
Thesis		Mark						10	10		